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SOURCE Stiinta si Tehnica Pentru Tineret.DATA ON ANNUAL FIRST SNOWFALLS IN RUMANIA

[Figures referred to herein are appended.]

Dates of annual first snowfalls in various areas of Rumania may be listed by altitude, latitude, longitude, and the directional drifts of storms. The average dates of first snowfalls according to altitude are as follows:

<u>Altitude</u> (in m)	<u>Location</u>	<u>Average Date</u> <u>of First Snow</u>
2,500	Summit of Carpathians	1 Sep
1,600	Casa	9 Oct
1,100	Predeal	16 Oct
600	Campulung-Muscel	11 Nov
82	Bucharest	22 Nov
40	Marculesti	5 Dec

In general there is a 2-week difference in first snowfall from the northern to the southern part of the country. Longitude also plays an important role since snowstorms drift from north-northeast to south-southeast. (For variation by longitude see Figure 1.) The drift is demonstrated by the following table:

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<u>Location</u>	<u>Average Date of First Snow</u>	<u>Earliest Fall Recorded</u>
Sinala	2 Nov	6 Aug 1896
Stalin	4 Nov	27 Sep 1931
Dorohoi	9 Nov	26 Sep 1906
Viseu-de-Sus	9 Nov	26 Sep 1906
Iasi	15 Nov	26 Sep 1906
Husi	16 Nov	26 Sep 1906
Craiova	16 Nov	16 Oct 1912
Cluj	17 Nov	27 Sep 1906
Sibiu	18 Nov	28 Sep 1931
Bucharest	22 Nov	26 Sep 1906
Braila	24 Nov	6 Oct 1912
Timisoara	26 Nov	26 Sep 1906
Arad	30 Nov	26 Sep 1906
Turnu Severin	2 Dec	26 Sep 1906
Constanta	3 Dec	26 Sep 1906

Regions in which the first snowfall comes latest are Campia, the confluence of the Tarnava and the Muresul, the upper stretches of the Danube, Southern Dobruja, and the regions of Buzau and Armasesti. In the Carpathian chain and Northern Moldavia, snow falls earlier than in other regions. (See Figure 2 for snowfall by area.)

In Bucharest the annual first snowfall during the last 65 years has occurred as follows:

<u>Date</u>	<u>Percentage Of Time</u>
15-30 Sep	1
1-15 Oct	1
16-31 Oct	13
1-15 Nov	19
16-30 Nov	37
1-15 Dec	21
16-31 Dec	8

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Weather records show that from 1888 to 1922 the first snows occurred most frequently between 16 and 30 November. From 1923 to 1945, the first snows in Bucharest occurred after this average period. The earliest recorded snow in Bucharest was on 2 August 1940 /sic/. The latest first snowfall was on 27 December 1886.

Present meteorological methods are not sufficiently developed to permit accurate prediction of the first snows of the year. /Figures 1 and 2 are appended./

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Figure 1. East - West Cross Section of Dates of First Snowfall

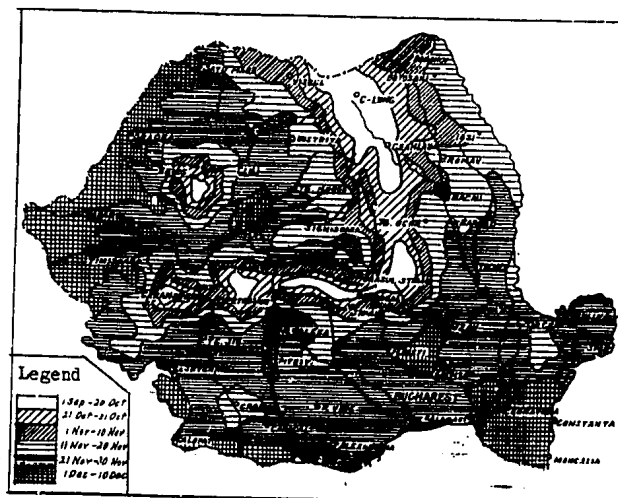
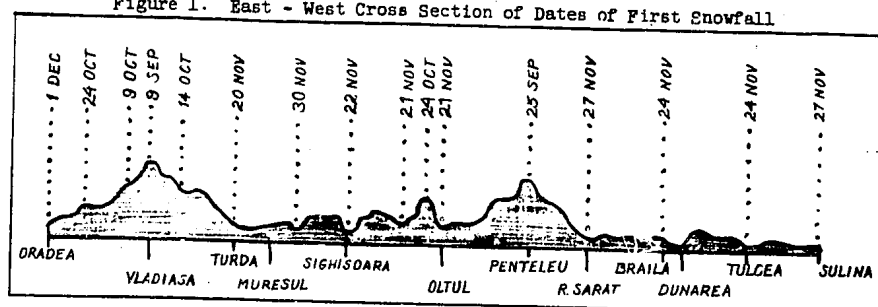


Figure 2. Dates of First Snowfall By Area

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